



U.S. Department of Energy
Portsmouth/Paducah Project Office

Environmental Evaluation Checklist

PPPO-F-450.1

Revision 1

February 2006

National Environmental Policy Act Review

Instructions:

- Submit one copy of the completed checklist with supplemental information to the DOE Project Coordinator
- DOE Project Coordinator will distribute to PPPO NEPA Compliance Officer for approval
- Completion of this checklist is not required for CERCLA actions. However, the Contractor's Project Coordinator is responsible for ensuring that a commensurate level of project detail is provided to the CERCLA Project Manager so that proper consideration and analysis of the work can be performed via the CERCLA process.

Activity title and project number (if any)			Date:
Asbestos Abatement Actions			09/26/2014
Project contact name	Telephone number	DOE Project Coordinator	Telephone number
Activity start date	Activity end date		Activity location
Ongoing	N/A		PORTS/PGDP

Activity description:

The Department of Energy (DOE) Portsmouth/Paducah Project Office (PPPO) proposes to perform asbestos abatement, removal and renovation actions which would include cleanup, encapsulation, removal, and/or disposal of asbestos-containing materials (ACM) from existing buildings or structures. Some of the ACM may be radiologically contaminated. Abatement actions would include disposal of ACM in accordance with regulations at existing facilities permitted/approved to handle the waste generated from these removal actions. Abatement actions would be conducted in accordance with 40 CFR 61. In some instances the abated material would be replaced with an asbestos-free material.

The proposed actions would take place at DOE-owned facilities at the DOE Portsmouth Gaseous Diffusion Plant (PORTS) at Piketon, Ohio and the Paducah Gaseous Diffusion Plant (PGDP) at Paducah, Kentucky.

Detailed description:

The proposed actions would involve one or more of the following types of abatement with respect to ACM:

(1) characterization, (2) cleanup, (3) encapsulation, (4) removal, (5) proper disposal of the ACM, and (6) possible replacement with asbestos-free materials.

Cleanup of ACM involves a combination of one or more of the following: picking up, shoveling, bagging, wrapping, vacuuming, and wet wiping any asbestos-contaminated items. Encapsulation involves spraying, painting, or (in some manner) sealing friable ACM. Removal is the elimination of ACM and includes stripping ACM insulation from pipes, tearing out ACM wallboard or ceiling tiles, removing ACM floor tiles, etc. Cleanup, encapsulation, and/or removal actions are performed by trained and qualified maintenance personnel or a licensed subcontractor in accordance with the Asbestos Hazardous Emergency Response Act. Removal and replacement actions might also involve the removal of ACM and replacement with an asbestos-free material.

The removed ACM would be bagged and evaluated to determine the appropriate disposal pathway. If radiological contamination levels in the ACM are found to exceed specifications, the waste would undergo volume reduction and either be stored in appropriate containers pending further regulatory guidance or disposed of in an area designated specifically for disposal of this material. Individual projects are also evaluated for options to reduce or eliminate generation of waste materials.

The proposed asbestos abatement actions that would take place on the Paducah site have been reviewed in accordance with the *Cultural Resource Management Plan* (CRMP) (BJC/PAD-691/R1, March 2006) or the site's Programmatic Agreement (PA) and would not result in an adverse effect to historic properties.

At PORTS, the proposed action has been reviewed and addressed as a No Potential to Effect historic properties and has been duly documented to the file. DOE/PPPO would review the proposed activities to ensure they are covered by the No Potential to Effect letter and if they are not, a Section 106 review would be completed. A future Programmatic Agreement may also cover the proposed asbestos abatement activities and satisfy Section 106 for any actions not include in the No Potential to Effect letter.

To ensure that sensitive resources are protected, existing maps and surveys/studies of threatened and endangered species and their habitats, wetlands and floodplains, and historic properties would be used to locate these areas. In addition, personnel responsible for identifying sensitive resources would be contacted and, if warranted, additional surveys and walkovers would be conducted to confirm or update available information.

No known extraordinary circumstances would be associated with these actions that might affect the significance or the environmental effects of the proposed action based on past similar actions. These actions would not be connected to other actions with potentially significant impacts or related to other proposed actions with cumulatively significant impacts; they would meet the conditions that are integral elements of the classes of actions that may be categorically excluded from further National Environmental Policy Act (NEPA) documentation. Should the action not meet the conditions for CX consideration, a separate NEPA document would occur and any necessary next steps pursuant to NEPA would be determined based upon the review.

Although an action might fall under the category of "asbestos abatement," a separate NEPA review would be performed and documented should the action or related/cumulative effect of the action have the potential to result in a significant impact to the environment.

The proposed activity is categorically excluded and adequately covered pursuant to 10 CFR Part 1021.410, Subpart D, Appendix B, B1.16, *Asbestos removal*.

National Environmental Policy Act (NEPA) Checklist

Questions to answer: *A checklist is required to be submitted, evaluated, and approved for all proposed site actions so that a NEPA review may be performed.	Yes	No
1. Will this activity result in a change in emissions, generation rates, or new discharge of hazardous, mixed, radioactive, asbestos, PCB, sanitary/industrial, solid or liquid waste, petroleum substance, wastewater, or any other pollutants from a facility or process?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will this activity be located in a previously developed area?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will this activity involve siting, construction, modification, renovation, closure or D&D of facilities or processes?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will this activity potentially affect environmentally sensitive areas/resources, such as flood plain/wetlands, archeological or architectural historic properties, threatened or endangered species, and/or their habitat, special water sources (e.g. aquifer)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will this activity involve site characterization, environmental monitoring, or R&D programs?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will this activity involve any type of land disturbance, underground storage tank (UST), or subsurface injection/extraction?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will this activity involve a site evaluation area, RCRA/CERCLA area/facility?	<input type="checkbox"/>	<input type="checkbox"/>
*Note: - If any are unknown, call DOE PPPO NEPA Compliance Officer or Project Environmental Coordinator for consultation - Consult with DOE PPPO NEPA Compliance Officer or Project Environmental Coordinator; file with project - If any are marked "Yes", complete the rest of the NEPA checklist		
Environmental Impacts Evaluation (Note: If any are "Yes", provide specifics/supplemental information.)		
Air		
• Will there be a new air emission or a change in the quantity of an existing air emission?	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water		
• Will there be a liquid release to streams, wetlands, seepage basins, storm drains, process sewers, ponds, or lakes?	<input type="checkbox"/>	<input type="checkbox"/>
• Will river or stream water be utilized?	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater		
• Will there be a discharge to subsurface/groundwater?	<input type="checkbox"/>	<input type="checkbox"/>
• Will groundwater be utilized?	<input type="checkbox"/>	<input type="checkbox"/>
Safety		
• Is there a potential exposure to hazardous substances (e.g. radiological/toxic/chemical materials)?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential for explosion or criticality?	<input type="checkbox"/>	<input type="checkbox"/>
• Does action involve transportation of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>
Natural/Cultural Resources		
• Is there a potential for impacts on wetlands, streams, river beds, ponds?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential impact on fish/wildlife resources or habitats?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential impact on protected species (e.g. sensitive, state or federally-listed rare, threatened, or endangered)?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential for causing a direct or indirect adverse effect to historic properties?	<input type="checkbox"/>	<input type="checkbox"/>
• Does this action require an excavation permit?	<input type="checkbox"/>	<input type="checkbox"/>
• Will this action involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds or invasive species?	<input type="checkbox"/>	<input type="checkbox"/>
For DOE PPPO NEPA Compliance Officer use only (NEPA recommendation)		
• Are there potential cumulative effects when combined with other actions?	<input type="checkbox"/>	<input type="checkbox"/>
• Is the proposed activity a component of a larger line item project?	<input type="checkbox"/>	<input type="checkbox"/>
• Write in document title or reference number : _____	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> CX applied for by DOE Project Coordinator (Must meet all requirements of 10 CFR 1021.410(b)): B1.16 <input type="checkbox"/> Covered by previous NEPA documentation (CX, EA, EIS): (Write in document title or reference number) <input type="checkbox"/> Additional NEPA documentation required: <input type="checkbox"/> EA <input type="checkbox"/> EIS <input type="checkbox"/> Revised ROD <input type="checkbox"/> Revised FONSI		
DOE Project Coordinator signature	Date checklist completed:	
For DOE PPPO NEPA Compliance Officer Use Only (NEPA determination). The Asbestos Abatement Categorical Exclusion was developed to cover these types of actions for the DOE PPPO. Many of these actions involve day-to-day work activities at Portsmouth and Paducah. Based upon my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits the specific class of actions, the other regulatory requirements set forth above are met, and the proposed actions are hereby categorically excluded for further review.		
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved - with comments <input type="checkbox"/> NOT approved – alternate NEPA action required		
DOE PPPO NEPA Compliance Officer signature	Date of signature:	
	9-26-14	